

What is claimed is:

1. A method for acquiring satellite signals using multiple low noise
5 blocks (LNBs) comprising:
 - a) receiving a request to switch from a first LNB to a second LNB;
 - b) switching from the first LNB to the second LNB;
 - c) recalling from memory a frequency offset value associated with said
10 second LNB;
 - d) tuning a tuner frequency to a value using the frequency offset
value; and
 - e) frequency locking said tuner to a signal from said second LNB.
2. The method of claim 1 wherein the tuner frequency value comprises
15 a second LNB base frequency plus said frequency offset value.
3. The method of claim 1 wherein the frequency offset value
compensates for frequency drift in the second LNB.
- 20 4. The method of claim 1 wherein the frequency offset compensates
for a frequency adjustment in a satellite transponder.
5. The method of claim 1 wherein the frequency offset compensates
for a frequency adjustment in a satellite transponder and frequency drift in the
25 second LNB.
6. The method of claim 1 further comprising activating the second LNB
while tuning said tuner frequency.
- 30 7. The method of claim 1 wherein the frequency offset for the second
LNB is derived from a frequency drift of the first LNB.
- ~~8.~~ Apparatus for acquiring satellite signals using multiple low noise
35 blocks (LNBs) comprising:
 - a first LNB;
 - a second LNB;
 - a tuner coupled to said first and second LNBs;

a memory, coupled to said tuner, for storing a first frequency offset value for said first LNB and a second frequency offset value for said second LNB.

9. The apparatus of claim 8 wherein said tuner comprises a local oscillator having a frequency substantially equal to a base frequency plus either the first or second frequency offset value.

10. The apparatus of claim 8 wherein the first and second frequency offset values represent the respective frequency drifts of the first and second LNBs.

11. The apparatus of claim 8 wherein said first frequency offset value comprises a frequency offset value for each transponder associated with said first LNB and said second frequency offset value comprises a frequency offset value for each transponder associated with said second LNB.

~~12.~~ A method for acquiring a satellite signal comprising:
activating a low noise block (LNB);
simultaneously with activating said LNB, tuning a tuner phase lock loop to lock to a signal produced by said LNB as said signal is changing in frequency due to an unstable local oscillator in said LNB.

